# MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF ENVIRONMENTAL QUALITY LABORATORY SERVICES PROGRAM

JAN 25 1990

Site Investigation Sampling Report Leo Eisenberg's Property Kansas City, MO

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Information received by the Missouri Department of Natural Resources (MDNR) indicates that wastes may have been disposed of on the property of Mr. Leo Eisenberg in Clay County at Kansas City, Missouri. As part of a Site Investigation (SI) requested by the Waste Management Program (WMP), sampling was conducted by Larry Alderson and Larry Coen of the Laboratory Services Program accompanied by John Schofield of the Kansas City Regional Office on July 25, 1989. The results of the sampling will aid the WMP in scoring the site according to the Hazard Ranking System (HRS).

# SITE DESCRIPTION & HISTORY

On April 6. 1988. the Emergency Planning and Response Branch of EPA received a call from the Kansas City Fire Department reporting several pools of an unknown liquid in a fill near the intersection of 16th Street and Interstate 35. A subsequent investigation by EPA revealed three puddles of dark stained water at the base of the northeast corner of the fill area. The results of a sample collected by EPA indicated the presence of vanadium and arsenic.

# **METHODS**

Composited sediment samples were collected and thoroughly mixed with the aid of stainless steel spoons and placed into one pint glass containers. Water samples were collected by submerging the appropriate containers below the surface of the water until they were full.

Each sample was given a numbered tag at the time of collection and a corresponding number was recorded on a chain-of-custody sheet. All samples were hand delivered to the Divisional Laboratory in Jefferson City for analyses of volatile organics, total metals (Ba, Hg, Ag, Cd, Cr, Pb, Se, As and V) and base/neutrals.

Site: Leo Eisenberg
ID #: MOD985768175.
Break: 1.3
Other: MDNR



Site Investigation Sampling Report Leo Eisenberg's Property Page Two

### **OBSERVATIONS**

Only two small shallow pools, approximately six feet in diameter and five or six inches deep, were found at the site during this investigation (see sample location map attached as Appendix A). Both pools contained a chocolate brown colored water. The presence of the pools seemed unusual considering that there had not been any recent rainfall in the area and that the area was made-up, to a large extent, of rock and gravel fill. Several midge or mosquito larva were observed swimming in the pool from which the water sample, 89-1738, was collected.

A sediment sample, 89-1736, was collected from the pool area. A background or upgradient sediment sample, 89-1737, was also collected approximately 50 feet south of the pools. Core samples were not collected during this investigation because the rock and gravel fill in the area of the pools did not allow for the use of hand augers.

### DATA REPORTING

The analytical results of samples collected during this Site Investigation are attached as Appendix B.

Submitted by:

Larry D. Alderson

Environmental Emergency Specialist

Field Services Section

Laboratory Services Program

Date:

January 24, 1990

Approved by:

James H. Long

Director

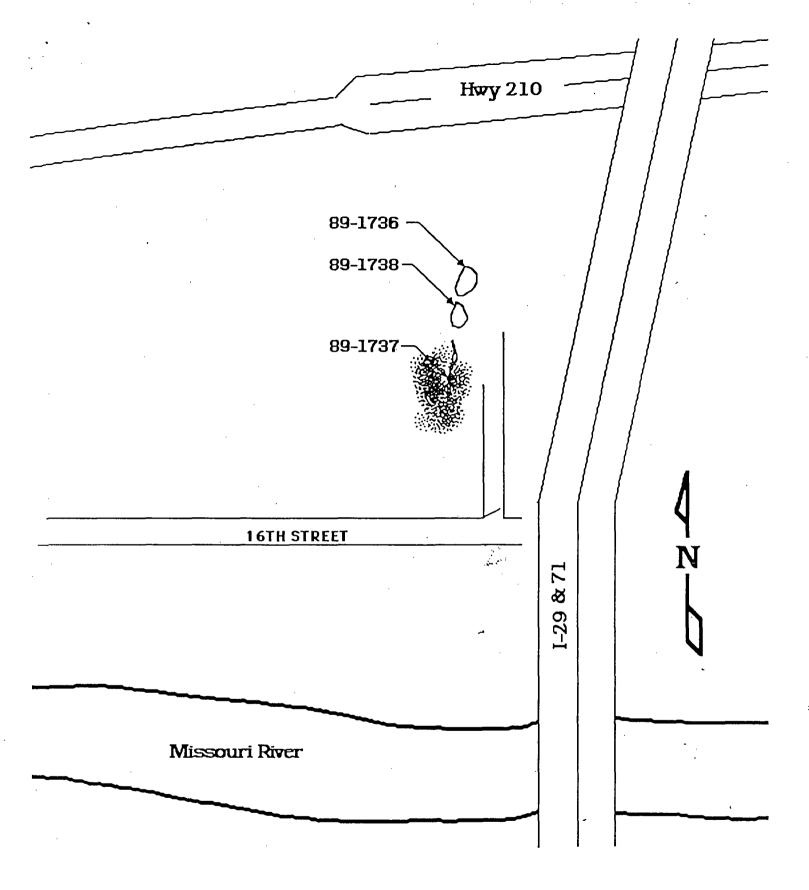
aboratory Services Program

JHL: lad

cc: Keith Schardein, Superfund Section Chief, Waste Management Program
Jim McConathy, Regional Administrator, Kansas City Regional Office

# APPENDIX A

Sample Location Sketch Leo Eisenberg's Property Kansas City, MO



# Leo Eisenberg's Property

Sample location sketch July 25, 1989

# APPENDIX B

Analytical Results Leo Eisenberg's Property Kansas City, MO

# LABORATORY SERVICES PROGRAM RESULT OF SAMPLE ANALYSIS

Sample No. 89-1736

> Post SERIMENT

Reported to: LARRY ALDERSON

Affiliation: EER

Date: 12/07/89

Project Code: 3535/3000

Sample Description:

LEO EISENBERG'S PROPERTY

SEDIMENT SAMPLE FROM POOL AREA

Collected by: LARRY ALDERSON

Affiliation: EER

Date: 07/25/89

**PARAMETERS** RESULTS

TOTAL SILVER

COMMENTS : Dry Weight

170 ug/Kg

TOTAL BARIUM

140,000 ug/Kg

COMMENTS : Dry Weight

TOTAL CADMIUM

3600 ug/Kg

COMMENTS : Dry Weight

TOTAL CHROMIUM

10,000 ug/Kg

COMMENTS : Dry Weight

TOTAL MERCURY

1500 ug/Kg

TOTAL LEAD

84,000 ug/Kg

COMMENTS : Dry Weight

TOTAL SELENIUM

200 ug/Kg

COMMENTS : Dry Weight

TOTAL VANADIUM

85,000 ug/Kg

Dry Weight

Acrolein

Acrylonitrile

Acetone Benzene Not analyzed Not analyzed < 100 ug/Kg

< 25 ug/Kg

Page 2 Sample no. 89-1736 Date 12/07/89

| PARAMETERS                                                                                                                                                                         | RESULTS                                                                                                                                                                                                                                               |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Bromomethane Bromodichloromethane Bromoform 2-Butanone Carbon Disulfide Carbon Tetrachloride Chlorobenzene Chloroethane 2-Chloroethylvinyl ether Chloroform Chloromethane          | <pre></pre>                                                                                                                                                                                                                                           |  |  |
| Dibromochloromethane 1,1-Dichloroethane 1,2-Dichloroethylene 1,2-Dichloroethylene 1,2-Dichloropropane cis-1,3-Dichloropropene trans-1,3-Dichloropropene Ethylbenzene 2-Hexanone    | <pre>&lt; 25     ug/Kg &lt; 100     ug/Kg</pre> |  |  |
| Methylene Chloride 4-Methyl-2-Pentanone Styrene 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,1,1-Trichloroethane ],1,2-Trichloroethane Trichloroethylene Trichlorofluoromethane | <pre>&lt; 100 ug/Kg &lt; 100 ug/Kg &lt; 25 ug/Kg &lt; 10 ug/Kg</pre>                                                                                              |  |  |
| Toluene Total Xylenes Vinyl Acetate Vinyl Chloride COMMENTS: Analyzed by GC/MS at the M Department of Natural Resources Labo Acenaphthene Acenaphthylene                           |                                                                                                                                                                                                                                                       |  |  |

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Sample no. 89-1736
Date 12/07/89

# PARAMETERS

| Aniline Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene | 3800<br>3800 |        | <b>g</b> |
|---------------------------------------------------------------------------|--------------|--------|----------|
| Benzo(ghi)perylene                                                        |              | ug/K   |          |
| Benzoic acid                                                              |              |        | alyzed   |
| Benzo(k)fluoranthene                                                      |              |        | ug/Kg    |
| Benzyl alcohol                                                            |              |        | alyzed   |
| Bis(2-chloroethoxy)methane                                                |              |        | ug/Kg    |
| Bis(2-chloroethyl)ether                                                   |              |        | ug/Kg    |
| Bis(2-chloroisopropyl)ether                                               |              |        | ug/Kg    |
| Bis(2-ethylhexyl)phthalate                                                |              | ug/Kg  |          |
| 4-Bromophenyl phenyl ether                                                |              |        | ug/Kg    |
| Butyl benzyl phthalate                                                    | <            |        | ug/Kg    |
| 4-Chloroaniline                                                           | No           |        | alyzed   |
| 2-Chloronaphthalene                                                       |              |        | ug/Kg    |
| 4-Chlorophenyl phenyl ether                                               |              |        | ug/Kg    |
| Chrysene                                                                  | 5100         | ug/K   |          |
| Dibenzo(a,h)anthracene                                                    | <            |        | ug/Kg    |
| Dibenzofuran                                                              | No           | ot Ana | alvzed   |
| 1,2-Dichlorobenzene                                                       | <            | 500    | ug/Kg    |
| 1,3-Dichlorobenzene                                                       | <            | 500    | ug/Kg    |
| 1,4-Dichlorobenzene                                                       |              |        | ug/Kg    |
| 3,3-Dichlorobenzidine                                                     | <            | .5000  | ug/Kg    |
| Diethylphthalate                                                          | <            | 500    | ug/Kg    |
| Dimethylphthalate                                                         | <            | 500    | ug/Kg    |
| Di-N-Butylphthalate                                                       | <            | 500    | ug/Kg    |
| 2,4-Dinitrotoluene                                                        | <            | 500    | ug/Kg    |
| 2,6-Dinitrotoluene                                                        | <            | 500    | ug/Kg    |
| Di-n-octyl phthalate                                                      | <            | 500    | ug/Kg    |
| Fluoranthene                                                              | 7600         | ug/K   | 3        |
| Fluorene                                                                  | <            | 500    | ug/Kg    |
| Hexachlorobenzene                                                         | <            |        | ug/Kg    |
| Hexachlorobutadiene                                                       | <            | 500    | ug/Kg    |
| Hexachlorocyclopentadiene                                                 | <            | 500    | ug/Kg    |
| Hexachloroethane                                                          | <            | 500    | ug/Kg    |
| <pre>Indeno(1,2,3-cd)pyrene</pre>                                         | 3000         | ug/Kg  | 3        |
| Isophorone                                                                | <            | 500    | ug/Kg    |
|                                                                           |              |        |          |

Page 4 . Sample no. 89-1736 Date 12/07/89

# PARAMETERS

| 2-Methylnaphthalene            | Not Analyzed |
|--------------------------------|--------------|
| Naphthalene                    | < 500 ug/Kg  |
| 2-Nitroaniline                 | Not Analyzed |
| 3-Nitroaniline                 | Not Analyzed |
| 4-Nitroaniline                 | Not Analyzed |
| N-Nitrosodimethylamine         | < 500 ug/Kg  |
| N-Nitrosodi-n-propylamine      | < 500 ug/Kg  |
| N-Nitrosodiphenylamine         | < 500 ug/Kg  |
| Phenanthrene                   | 3900 ug/Kg   |
| Pyrene                         | 9500 ug/Kg   |
| 1,2,4-Trichlorobenzene         | < 500 ug/Kg  |
| COMMENTS: Analyzed by GC/MS at | Continental  |
| Analytical Services,           | Inc.         |

# LABORATORY SERVICES PROGRAM RESULT OF SAMPLE ANALYSIS

Sample No. 89-1737

MAGRADIENT

Reported to: LARRY ALDERSON

Affiliation: EER

**\*\*というない。** Date: 12/07/89

Project Code: 3535/3000

Sample Description:

LEO EISENBERG'S PROPERTY

SEDIMENT SAMPLE UPGRADIENT OF POOL AREA

Collected by: LARRY ALDERSON

Affiliation: EER

Date: 07/25/89

**PARAMETERS** 

RESULTS

TOTAL SILVER

TOTAL BARIUM

COMMENTS : Dry Weight

COLDINIE . DIJ WC

200,000 ug/Kg

72 ug/Kg

COMMENTS : Dry Weight

TOTAL CADMIUM

2300 ug/Kg

COMMENTS : Dry Weight

TOTAL CHROMIUM

12,000 ug/Kg

COMMENTS : Dry Weight

TOTAL MERCURY

850 ug/Kg

TOTAL LEAD

38,000 ug/Kg

COMMENTS : Dry Weight

TOTAL SELENIUM

120 ug/Kg

COMMENTS : Dry Weight

TOTAL VANADIUM

17,000 ug/Kg

Dry Weight

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Acrolein Acrylonitrile

Acetone Benzene Not analyzed Not analyzed

< 100 ug/Kg

< 25 ug/Kg

Page 2 Sample no. 89-1737 Date 12/07/89

| PARAMETERS                         |      | RES  | ULTS    |
|------------------------------------|------|------|---------|
| Bromomethane                       | <    | 25   | ug/Kg   |
| Bromodichloromethane               |      | 25   | ug/Kg   |
| Bromoform                          | <    | 25   | ug/Kg   |
| 2-Butanone                         |      | 100  | ug/Kg   |
| Carbon Disulfide                   |      | 25   | ug/Kg   |
| Carbon Tetrachloride               |      | 25   | ug/Kg   |
| Chlorobenzene                      | <    | 25   | ug/Kg   |
| Chloroethane                       | <    | 25   | ug/Kg   |
| 2-Chloroethylvinyl ether           |      |      | alyzed  |
| Chloroform                         |      | 25   | ug/Kg   |
| Chloromethane                      |      | _    | ug/Kg   |
| Dibromochloromethane               |      | 25   | ug/Kg   |
| 1,1-Dichloroethane                 |      | 25   | ug/Kg   |
| 1,2-Dichloroethane                 |      | 25   | ug/Kg   |
| 1,1-Dichloroethylene               |      | 25   | ug/Kg   |
| 1,2-Dichloroethylene               |      | 25   | ug/Kg   |
| 1,2-Dichloropropane                |      | 25   | ug/Kg   |
| cis-1,3-Dichloropropene            |      | 25   | ug7Kg   |
| trans-1,3-Dichloropropene          |      | 25   | ug/Kg   |
| Ethylbenzene                       | <    | 25   | ug/Kg   |
| 2-Hexanone                         | <    | 100  | ug/Kg   |
| Methylene Chloride                 | <    | 100  | ug/Kg   |
| 4-Methyl-2-Pentanone               | <    | 100  | ug/Kg   |
| Styrene                            | <    | 25   | ug/Kg   |
| 1,1,2,2-Tetrachloroethane          |      | 25   | ug/Kg   |
| Tetrachloroethylene                | <    | 25   | ug/Kg   |
| 1,1,1-Trichloroethane              | <    | 25   | ug/Kg   |
| ],1,2-Trichloroethane              | <    | 25   | ug/Kg   |
| Trichloroethylene                  | <    | 25   | ug/Kg   |
| Trichlorofluoromethane             | No   | t an | alyzed  |
| Toluene                            | <    | 25   | ug/Kg   |
| Total Xylenes                      | <    | 50   | ug/Kg   |
| Vinyl Acetate                      | <    | 100  | ug/Kg   |
| Vinyl Chloride                     | <    | 25   | ug/Kg   |
| COMMENTS: Analyzed by GC/MS at the | Miss | ouri |         |
| Department of Natural Resources La |      |      |         |
| Acenaphthene                       | <    | 50   | 0 ug/Kg |
| Acenaphthylene                     | <    |      |         |

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Sample no. 89-1737
Date 12/07/89

# PARAMETERS

| Aniline                     | Not Analyzed          |
|-----------------------------|-----------------------|
| Anthracene                  | $<$ 500 $u\bar{g}/Kg$ |
| Benzo(a)anthracene          | < 500 ug/Kg           |
| Benzo(a)pyrene              | 800 ug/Kg             |
| Benzo(b)fluoranthene        | 700 ug/Kg             |
| Benzo(ghi)perylene          | < 500 ug/Kg           |
| Benzoic acid                | Not Analyzed          |
| Benzo(k)fluoranthene        | < 500 ug/Kg           |
| Benzyl alcohol              | Not Analyzed          |
| Bis(2-chloroethoxy)methane  | < 500 ug/Kg           |
| Bis(2-chloroethyl)ether     | < 500 ug/Kg           |
| Bis(2-chloroisopropyl)ether | < 500 ug/Kg           |
| Bis(2-ethylhexyl)phthalate  | 600 ug/Kg             |
| 4-Bromophenyl phenyl ether  | < 500 ug/Kg           |
| Butyl benzyl phthalate      | < 500 ug/Kg           |
| 4-Chloroaniline             | Not Analyzed          |
| 2-Chloronaphthalene         | < 500 ug/Kg           |
| 4-Chlorophenyl phenyl ether | < 500 u-g/Kg          |
| Chrysene                    | 600 ug/Kg             |
| Dibenzo(a,h)anthracene      | < 500 ug/Kg           |
| Dibenzofuran                | Not Analyzed          |
| 1,2-Dichlorobenzene         | < 500 ug/Kg           |
| 1,3-Dichlorobenzene         | < 500 ug/Kg           |
| 1,4-Dichlorobenzene         | < 500 ug/Kg           |
| 3,3-Dichlorobenzidine       | < 5000 ug/Kg          |
| Diethylphthalate            | < 500 ug/Kg           |
| Dimethylphthalate           | < 500 ug/Kg           |
| Di-N-Butylphthalate         | < 500 ug/Kg           |
| 2,4-Dinitrotoluene          | < 500 ug/Kg           |
| 2,6-Dinitrotoluene          | < 500 ug/Kg           |
| Di-n-octyl phthalate        | < 500 ug/Kg           |
| Fluoranthene                | 800 ug/Kg             |
| Fluorene                    | < 500 ug/Kg           |
| Hexachlorobenzene           | < 500 ug/Kg           |
| Hexachlorobutadiene         | < 500 ug/Kg           |
| Hexachlorocyclopentadiene   | < 500 ug/Kg           |
| Hexachloroethane            | < 500 ug/Kg           |
| Indeno(1,2,3-cd)pyrene      | < 500 ug/Kg           |
| Isophorone                  | < 500 ug/Kg           |
|                             | · Joo ug/ ng          |

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Sample no. 89-1737
Date 12/07/89

# **PARAMETERS**

|                                |           | _     |                                         |
|--------------------------------|-----------|-------|-----------------------------------------|
| 2-Methylnaphthalene            |           |       | alyzed                                  |
| Naphthalene                    | <         | 500   | ug/Kg                                   |
| 2-Nitroaniline                 | No        | t Ana | alyzed                                  |
| 3-Nitroaniline                 | No        | t Ana | alyzed                                  |
| 4-Nitroaniline                 | No        | t Ana | alyzed                                  |
| N-Nitrosodimethylamine         | <         | 500   | ug/Kg                                   |
| N-Nitrosodi-n-propylamine      | <         | 500   | ug/Kg                                   |
| N-Nitrosodiphenylamine         | <         | 500   | ug/Kg                                   |
| Phenanthrene                   | <         | 500   | ug/Kg                                   |
| Pyrene                         | 700 u     | g/Kg  |                                         |
| 1,2,4-Trichlorobenzene         | <         | 500   | ug/Kg                                   |
| COMMENTS: Analyzed by GC/MS at | Continent | al    |                                         |
| Analytical Services,           | Inc.      |       | الله الله الله الله الله الله الله الله |

# LABORATORY SERVICES PROGRAM RESULT OF SAMPLE ANALYSIS

Sample No. 89-1738

< 25

< 25

< 25

ug/L

ug/L

ug/L

Reported to: LARRY ALDERSON

Date: 12/08/89 Affiliation: EER Project Code: 3535/3000

Sample Description:

LEO EISENBERG'S PROPERTY WATER SAMPLE FROM POOL

Collected by: LARRY ALDERSON Affiliation: EER Date: 07/25/89

Carbon Disulfide

Chlorobenzene

Carbon Tetrachloride

| PARAMETERS                                                                                    | RESULTS                                                                      |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| TOTAL SILVER                                                                                  | 7.1 ug/L                                                                     |
| TOTAL BARIUM                                                                                  | 600 ug/L                                                                     |
| TOTAL CADMIUM                                                                                 | 57 ug/L ~                                                                    |
| TOTAL CHROMIUM                                                                                | 170 ug/L                                                                     |
| TOTAL MERCURY                                                                                 | 690 ug/L                                                                     |
| TOTAL LEAD                                                                                    | 180 ug/L                                                                     |
| TOTAL SELENIUM                                                                                | 15 ug/L                                                                      |
| TOTAL VANADIUM                                                                                | 1900 ug/L                                                                    |
| Acrolein Acrylonitrile Acetone Benzene Bromomethane Bromodichloromethane Bromoform 2-Butanone | Not analyzed Not analyzed < 100 ug/L < 25 ug/L < 25 ug/L < 25 ug/L < 25 ug/L |
| Comban D' 1611                                                                                | < 100 ug/L                                                                   |

Page 2 Sample no. 89-1738 Date 12/08/89

# PARAMETERS

Acenaphthene Acenaphthylene Aniline

Benzo(a)anthracene Benzo(a)pyrene

Anthracene

# RESULTS

< 5.0 ug/L < 5.0 ug/L Not Analyzed < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L

| Chloroethane                         |   | 25  | ug/L   |
|--------------------------------------|---|-----|--------|
| 2-Chloroethylvinyl ether             |   |     | alyzed |
| Chloroform                           |   | 25  | ug/L   |
| Chloromethane                        |   | 25  | ug/L   |
| Dibromochloromethane                 |   | 25  |        |
| 1,1-Dichloroethane                   | < | 25  | ug/L   |
| 1,2-Dichloroethane                   | < | 25  | ug/L   |
| 1,1-Dichloroethylene                 | < | 25  | ug/L   |
| 1,2-Dichloroethylene                 | < | 25  | ug/L   |
| 1,2-Dichloropropane                  | < | 25  | ug/L   |
| cis-1,3-Dichloropropene              | < | 25  | ug/L   |
| trans-1,3-Dichloropropene            | < | 25  | ug/L   |
| Ethylbenzene                         | < | 25  | ug/L   |
| 2-Hexanone                           | < | 100 | ug/L   |
| Methylene Chloride                   |   | 100 |        |
| 4-Methyl-2-Pentanone                 |   | 100 | _      |
| Styrene                              | < | 25  |        |
| 1,1,2,2-Tetrachloroethane            | < | 25  |        |
| Tetrachloroethylene                  | < | 25  |        |
| 1,1,1-Trichloroethane                |   | 25  |        |
| ],1,2-Trichloroethane                |   | 25  | J.     |
| Trichloroethylene                    |   | 25  | ug/L   |
| Trichlorofluoromethane               |   |     | alyzed |
| Toluene                              |   |     | ug/L   |
| Total Xylenes                        |   | 50  |        |
| Vinyl Acetate                        |   | 100 | _      |
| Vinyl Chloride                       |   | 25  | ug/L   |
| COMMENTS: Analyzed by GC/MS at the M |   |     | wg, 2  |
| Department of Natural Resources Labo |   |     |        |
| Detection limits are elevated for th |   |     | le l   |
| due to foaming problems during purgi |   |     |        |
| requiring sample dilution.           | 9 | ,   |        |
| rodurring nambro arraptom.           | , |     |        |

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Sample no. 89-1738
Date 12/08/89

# PARAMETERS

| Benzo(b) fluoranthene       |                    |      | ug/L  |
|-----------------------------|--------------------|------|-------|
| Benzo(ghi)perylene          |                    |      | ug/L  |
| Benzoic acid                |                    |      | Lyzed |
| Benzo(k)fluoranthene        | <                  | 5.0  | ug/L  |
| Benzyl alcohol              |                    |      | Lyzed |
| Bis(2-chloroethoxy)methane  | <                  | 5.0  | ug/L  |
| Bis(2-chloroethyl)ether     | <                  |      | ug/L  |
| Bis(2-chloroisopropyl)ether | <                  |      | ug/L  |
| Bis(2-ethylhexyl)phthalate  | 37 ug/             |      |       |
| 4-Bromophenyl phenyl ether  | <                  |      | ug/L  |
| Butyl benzyl phthalate      | <                  | 5.0  | ug/L  |
| 4-Chloroaniline             | Not                | Anal | lyzed |
| 2-Chloronaphthalene         | <                  | 5.0  | ug/L  |
| 4-Chlorophenyl phenyl ether |                    |      | ug/L  |
| Chrysene                    | . <                | 5.0  | ug/L  |
| Dibenzo(a,h)anthracene      | ` <                | 5.0  | ug/L  |
| Dibenzofuran                | Not                | Ana] | lyzed |
| 1,2-Dichlorobenzene         | <                  | 5.0  | ug/L  |
| 1,3-Dichlorobenzene         | <                  | 5.0  | ug/L  |
| 1,4-Dichlorobenzene         | <                  | 5.0  | ug/L  |
| 3,3-Dichlorobenzidine       | <                  | 50   | ug/L  |
| Diethylphthalate            | <                  | 5.0  | ug/L  |
| Dimethylphthalate           | <                  | 5.0  | ug/L  |
| Di-N-Butylphthalate         | <                  |      | ug/L  |
| 2,4-Dinitrotoluene          | <                  |      | ug/L  |
| 2,6-Dinitrotoluene          | <                  | 5.0  | ug/L  |
| Di-n-octyl phthalate        | <                  |      | ug/L  |
| Fluoranthene                | <                  |      | ug/L  |
| Fluorene                    | <                  |      | ug/L  |
| Hexachlorobenzene           | <                  |      | ug/L  |
| Hexachlorobutadiene         | <                  | 5.0  | ug/L  |
| Hexachlorocyclopentadiene   | <                  |      | ug/L  |
| Hexachloroethane            | <                  |      | ug/L  |
| Indeno(1,2,3-cd)pyrene      | <                  |      | ug/L  |
| Isophorone                  | <                  |      | ug/L  |
| 2-Methylnaphthalene         | Not                |      | lyzed |
| Naphthalene                 | <                  |      | ûg/L  |
| 2-Nitroaniline              | Not                |      | lyzed |
| 3-Nitroaniline              |                    |      | lyzed |
|                             | - · - <del>-</del> |      |       |

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# PARAMETERS 4-Nitroaniline Not Analyzed N-Nitrosodimethylamine N-Nitrosodi-n-propylamine N-Nitrosodiphenylamine N-Nitrosodiphenylamine N-Nitrosodiphenylamine N-Nitrosodiphenylamine N-Nitrosodiphenylamine Not Analyzed N-Nitrosodimethylamine N-N

COMMENTS: Analyzed by GC/MS at the Missouri Department of Natural Resources Laboratory